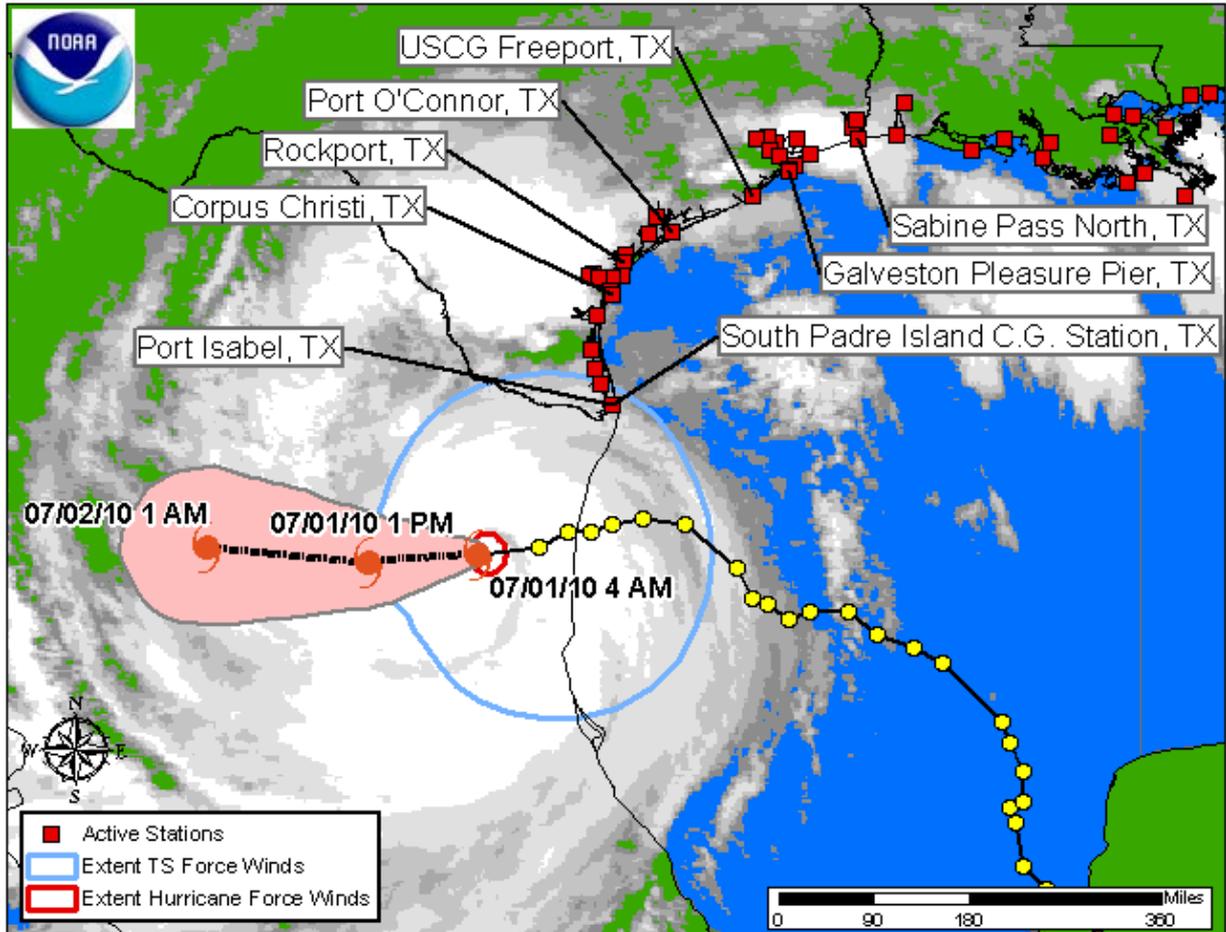




Hurricane ALEX QuickLook  
Posted: 05:00 CDT 07/01/2010

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

**ALEX weakens as it continues to move inland over northeastern Mexico.**

As of 07/01/2010 05:00 CDT, water levels along the Texas coast have leveled off or are beginning to fall, but remain elevated and range between 1.1 and 2.7 feet above predicted. Winds are also decreasing, however gusts to 30 kts are still being measured at stations along southern Texas. Barometric pressure has begun to increase at stations south of Corpus Christi, TX.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tides are 1.00 ft (0.31 m) at 07/01/2010 09:09 CDT and 0.94 ft (0.29 m) at 07/02/2010 09:03 CDT.

**South Padre Island C.G. Station, TX: Next predicted high tides are 0.84 ft (0.26 m) at 07/01/2010 08:58 CDT and 0.78 ft (0.24 m) at 07/02/2010 08:56 CDT.**

**Corpus Christi, TX: Next predicted high tides are 1.23 ft (0.37 m) at 07/01/2010 07:57 CDT and 0.79 ft (0.24 m) at 07/01/2010 17:45 CDT.**

**Rockport, TX: Next predicted high tides are 0.14 ft (0.04 m) at 07/01/2010 12:41 CDT and 0.14 ft (0.04 m) at 07/01/2010 19:46 CDT.**

**Port O'Connor, TX: Next predicted high tides are 0.41 ft (0.12 m) at 07/01/2010 12:29 CDT and 0.34 ft (0.10 m) at 07/02/2010 11:20 CDT.**

**USCG Freeport, TX: Next predicted high tides are 1.41 ft (0.43 m) at 07/01/2010 08:10 CDT and 0.83 ft (0.25) at 07/01/2010 17:49 CDT.**

**Galveston Pleasure Pier, TX: Next predicted high tides are 1.74 ft (0.53 m) at 07/01/2010 08:13 CDT and 1.06 ft (0.32) at 07/01/2010 19:11 CDT.**

**Sabine Pass North, TX: Next predicted high tides are 1.41 ft (0.43) at 07/01/2010 08:27 CDT and 1.00 ft (0.30) at 07/01/2010 18:42 CDT.**

**For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.**

**Analyst:PFF**

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE ALEX ADVISORY NUMBER 23**

**400 AM CDT THU JUL 01 2010**

**...ALEX CONTINUES TO WEAKEN...HEAVY RAINFALL WILL BECOME THE MAJOR THREAT LATER TODAY...**

**WATCHES AND WARNINGS**  
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**THE TROPICAL STORM WARNING FOR THE COAST OF TEXAS FROM THE MOUTH OF THE RIO GRANDE TO PORT OCONNOR HAS BEEN DISCONTINUED.**

**FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE. FOR STORM INFORMATION SPECIFIC TO YOUR AREA OUTSIDE UNITED STATES...PLEASE MONITOR PRODUCTS ISSUED BY YOUR NATIONAL METEOROLOGICAL SERVICE.**

## DISCUSSION AND 48-HOUR OUTLOOK

-----  
AT 400 AM CDT THE CENTER OF HURRICANE ALEX WAS LOCATED ABOUT 160 MI SW OF BROWNSVILLE TEXAS. ALEX IS MOVING TOWARD THE WEST NEAR 12 MPH AND THIS MOTION IS EXPECTED TO CONTINUE FOR THE NEXT DAY OR SO. ON THE FORECAST TRACK...ALEX WILL CONTINUE MOVING INLAND OVER NORTHEASTERN MEXICO TODAY.

MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 80 MPH WITH HIGHER GUSTS. ALEX IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON WIND SCALE. ADDITIONAL WEAKENING IS FORECAST AS ALEX CONTINUES TO MOVE INLAND. ALEX IS EXPECTED TO WEAKEN TO A TROPICAL STORM LATER TODAY AND DISSIPATE IN THE NEXT 24 TO 36 HOURS.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 205 MILES MAINLY TO THE NORTH AND EAST OF THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 971 MB...28.67 INCHES.

## HAZARDS AFFECTING LAND

-----  
ALEX IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 4 TO 8 INCHES OVER PORTIONS OF SOUTHERN TEXAS...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS AROUND 10 INCHES. THESE RAINFALL AMOUNTS COULD CAUSE LIFE-THREATENING FLASH FLOODS.

WIND...HURRICANE-FORCE WINDS ARE SPREADING INLAND NEAR THE CENTER OF ALEX OVER A PORTION OF THE HURRICANE WARNING AREA. TROPICAL STORM CONDITIONS ARE OCCURRING WITHIN THE TROPICAL STORM WARNING AREAS. THESE WINDS WILL DECREASE LATER TODAY.

STORM SURGE...THE STORM TIDE AND WAVES WILL GRADUALLY DIMINISH LATER TODAY.

TORNADOES...ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF EXTREME SOUTHERN TEXAS THROUGH TODAY.

## FORECASTER BRENNAN

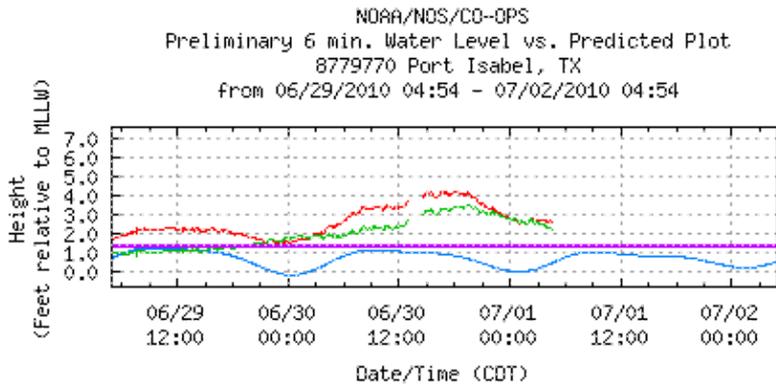
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [South Padre Island C.G Station - Water Level](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Rockport - Air/Water Temp](#), [Port O'Connor - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Sabine Pass North -](#)

Hurricane ALEX QuickLook, POSTED 05:00 CDT 07/01/2010

Water Level, Sabine Pass North - Winds, Sabine Pass North - Barometric, Sabine Pass North - Air/Water Temp.

**Port Isabel, TX** - [Return to List](#)

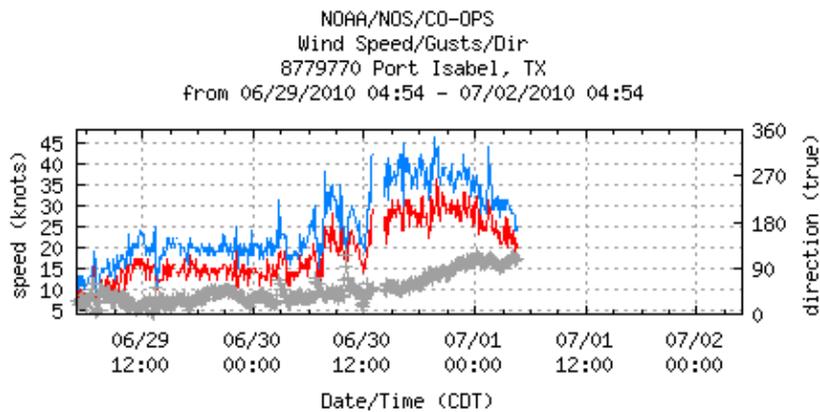


Last Observed Sample: 07/01/2010 04:42 (CDT)

Relative to **MLLW**: **Observed: 2.66 ft. Predicted: 0.46 ft. Residual: 2.20 ft.**

Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above **MHHW**

**Port Isabel, TX** - [Return to List](#)

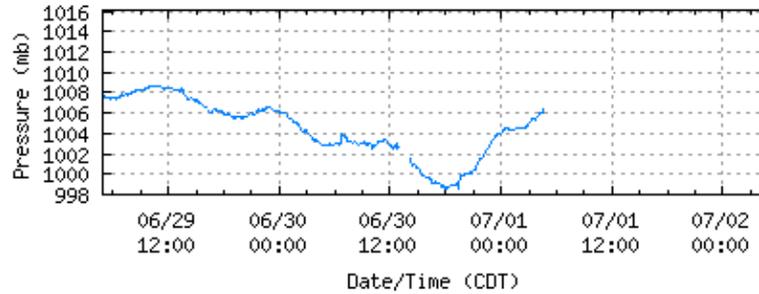


Last Observed Sample: 07/01/2010 04:42 (CDT)

**Wind Speed: 22 knots Gusts: 28 knots Direction: 103° T**

**Port Isabel, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8779770 Port Isabel, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



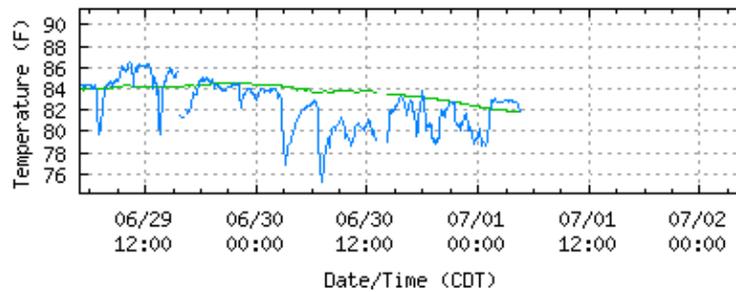
barometric pressure —

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Barometric Pressure: 1006.4 mb**

**Port Isabel, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Air/Water Temperature Plot  
8779770 Port Isabel, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54

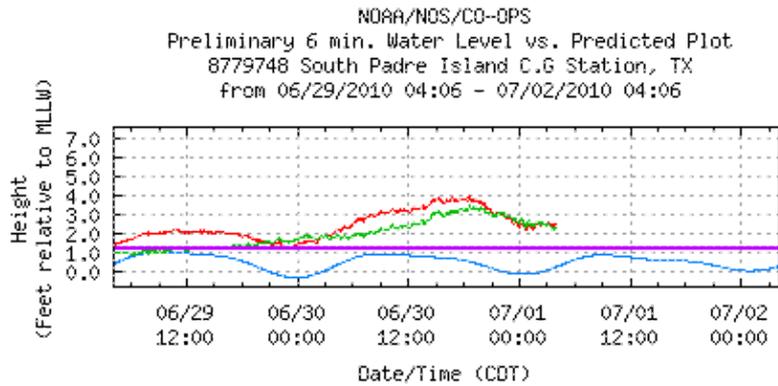


water temp. — air temp. —

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Water Temperature: 81.9° F Air Temperature: 81.9° F**

**South Padre Island C.G Station, TX** - [Return to List](#)

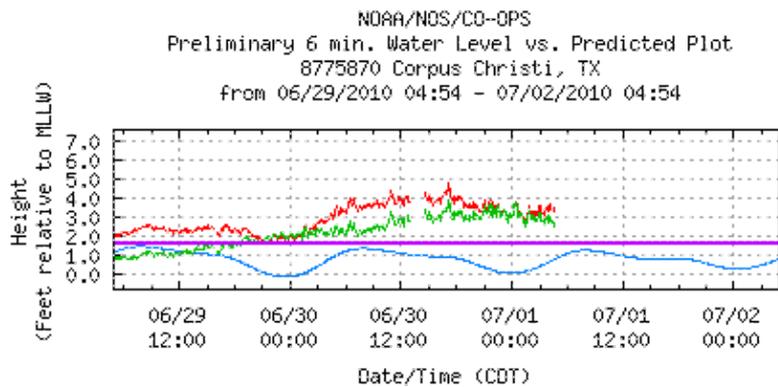


Last Observed Sample: 07/01/2010 03:54 (CDT)

Relative to **MLLW**: **Observed: 2.45 ft. Predicted: 0.20 ft. Residual: 2.25 ft.**

Historical Maximum Water Level: , 0 ft. above **MHHW**

**Corpus Christi, TX** - [Return to List](#)



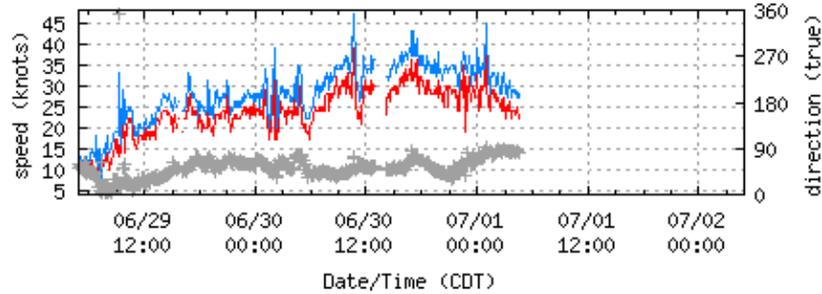
Last Observed Sample: 07/01/2010 04:42 (CDT)

Relative to **MLLW**: **Observed: 3.43 ft. Predicted: 0.78 ft. Residual: 2.65 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above **MHHW**

**Corpus Christi, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Wind Speed/Gusts/Dir  
8775870 Corpus Christi, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



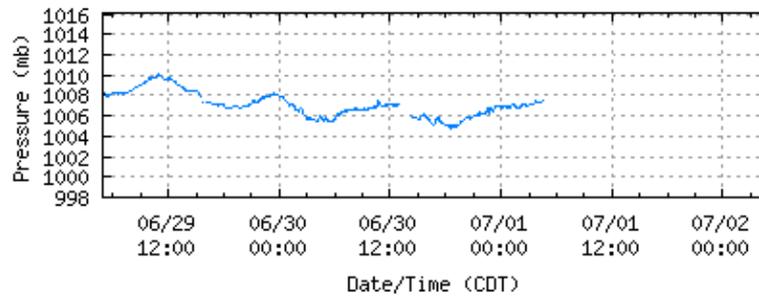
speed — gusts — direction +

Last Observed Sample: 07/01/2010 04:42 (CDT)

Wind Speed: 24 knots Gusts: 29 knots Direction: 082° T

**Corpus Christi, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8775870 Corpus Christi, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



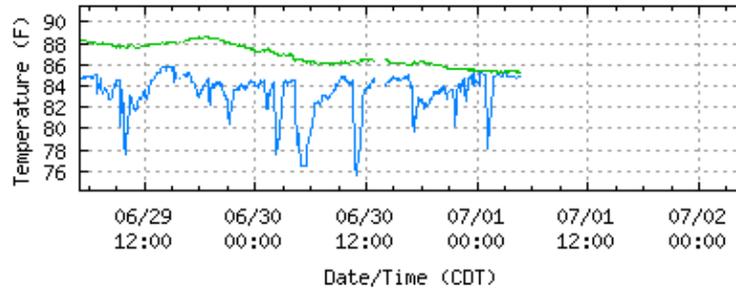
barometric pressure —

Last Observed Sample: 07/01/2010 04:42 (CDT)

Barometric Pressure: 1007.6 mb

**Corpus Christi, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8775870 Corpus Christi, TX  
from 06/29/2010 05:00 - 07/02/2010 05:00



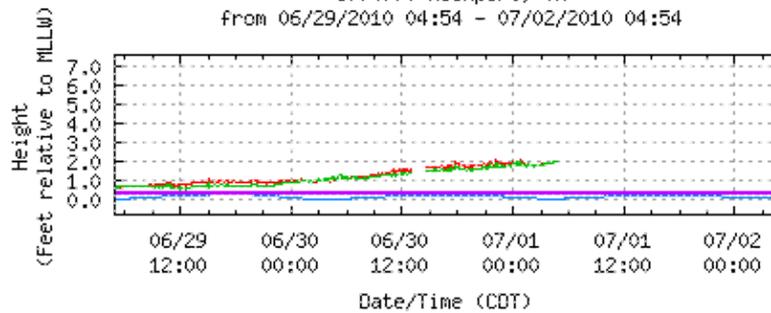
water temp. — green — air temp — blue —

Last Observed Sample: 07/01/2010 04:42 (CDT)

Water Temperature: 85.3° F Air Temperature: 84.9° F

**Rockport, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Preliminary 6 min. Water Level vs. Predicted Plot  
8774770 Rockport, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



Predicted WL — blue — (Obs-Pred) — green —  
Observed WL — red — MHHW — purple —

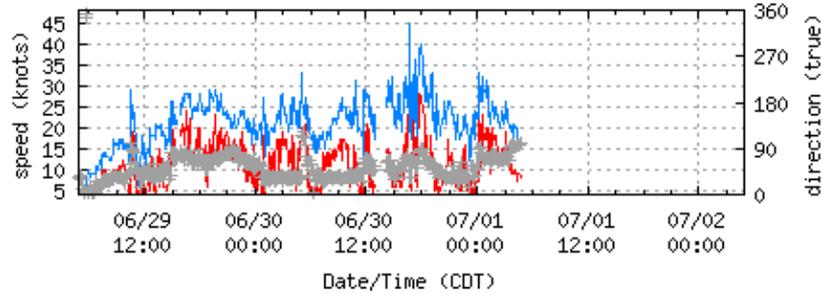
Last Observed Sample: 07/01/2010 04:42 (CDT)

Relative to **MLLW**: Observed: 1.98 ft. Predicted: 0.00 ft. Residual: 1.98 ft.

Historical Maximum Water Level: Aug 10 1980, 3.74 ft. above **MHHW**

**Rockport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Wind Speed/Gusts/Dir  
8774770 Rockport, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



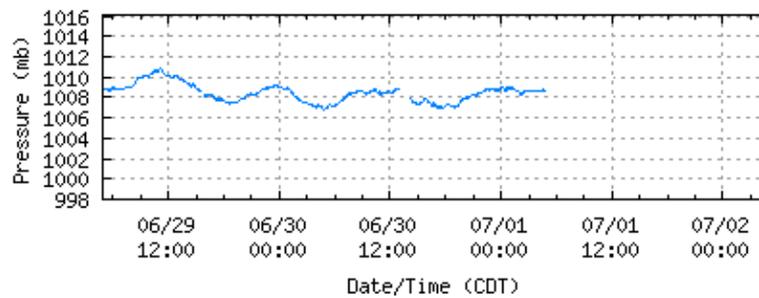
speed — gusts — direction +

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Wind Speed: 8 knots Gusts: 17 knots Direction: 099° T**

**Rockport, TX** - [Return to List](#)

NOAA/NDS/CO-OPS  
Barometric Pressure Plot  
8774770 Rockport, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



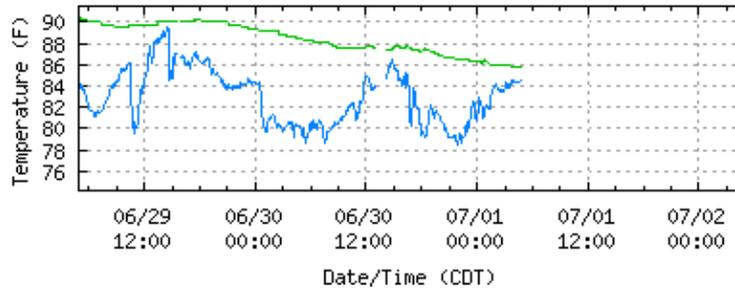
barometric pressure —

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Barometric Pressure: 1008.7 mb**

**Rockport, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Air/Water Temperature Plot  
 8774770 Rockport, TX  
 from 06/29/2010 04:54 - 07/02/2010 04:54



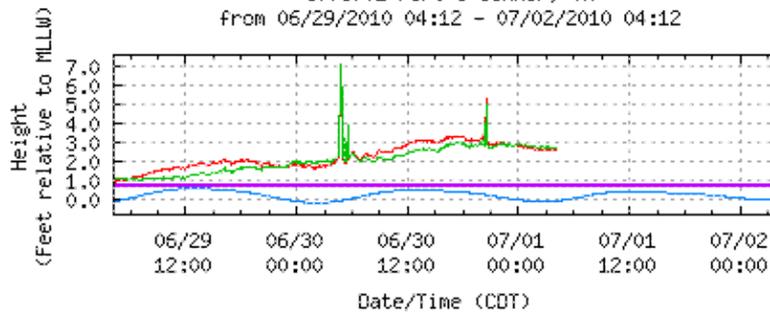
water temp. — green — air temp — blue —

Last Observed Sample: 07/01/2010 04:42 (CDT)

Water Temperature: 85.8° F Air Temperature: 84.6° F

**Port O'Connor, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8773701 Port O'Connor, TX  
 from 06/29/2010 04:12 - 07/02/2010 04:12



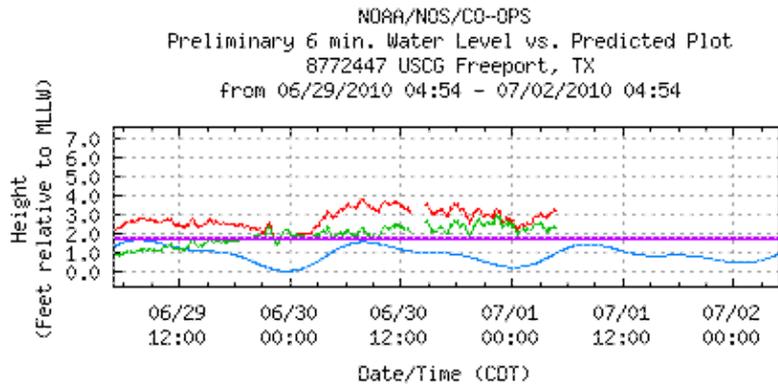
Predicted WL — blue — (Obs-Pred) — green —  
 Observed WL — red — MHHW — purple —

Last Observed Sample: 07/01/2010 04:00 (CDT)

Relative to **MLLW**: Observed: 2.54 ft. Predicted: -0.12 ft. Residual: 2.66 ft.

Historical Maximum Water Level: , 0 ft. above **MHHW**

**USCG Freeport, TX** - [Return to List](#)



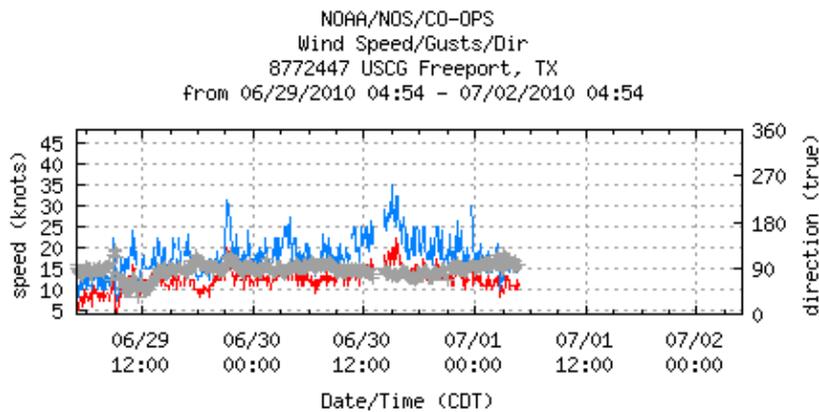
Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/01/2010 04:42 (CDT)

Relative to **MLLW**: **Observed: 3.18 ft. Predicted: 0.92 ft. Residual: 2.26 ft.**

Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above **MHHW**

**USCG Freeport, TX** - [Return to List](#)



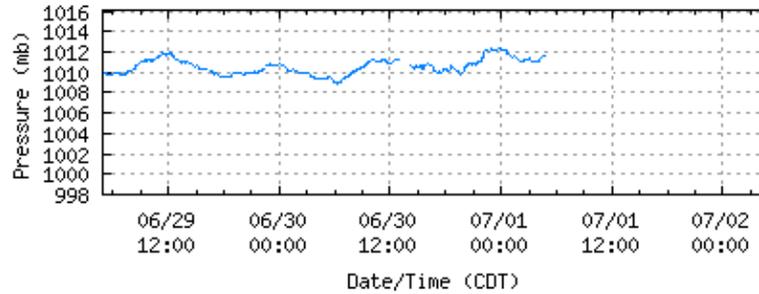
speed ——— gusts ——— direction +

Last Observed Sample: 07/01/2010 04:42 (CDT)

**Wind Speed: 11 knots Gusts: 15 knots Direction: 095° T**

**USCG Freeport, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8772447 USCG Freeport, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



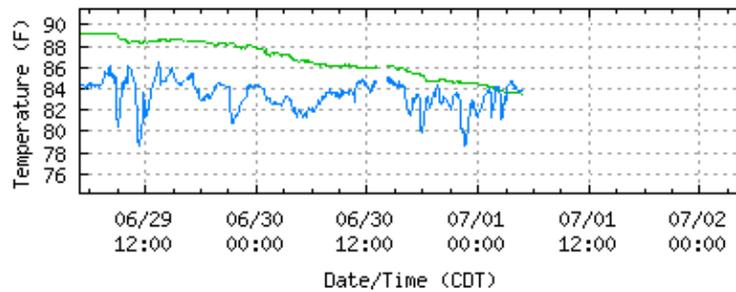
barometric pressure —

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Barometric Pressure: 1011.6 mb**

**USCG Freeport, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8772447 USCG Freeport, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54

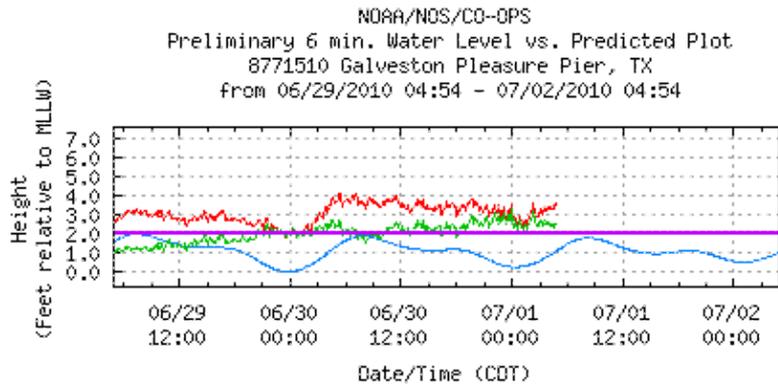


water temp. — air temp —

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Water Temperature: 83.5° F Air Temperature: 83.8° F**

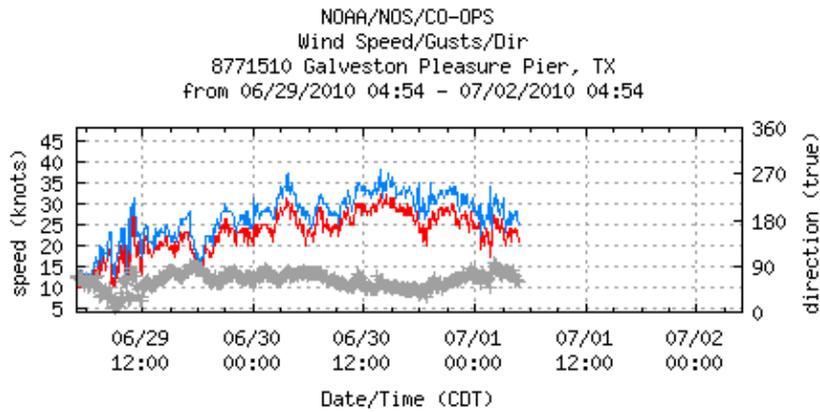
**Galveston Pleasure Pier, TX** - [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/01/2010 04:42 (CDT)  
 Relative to **MLLW**: **Observed: 3.53 ft. Predicted: 1.02 ft. Residual: 2.51 ft.**  
 Historical Maximum Water Level: Sep 11 1961, 7.16 ft. above **MHHW**

**Galveston Pleasure Pier, TX** - [Return to List](#)

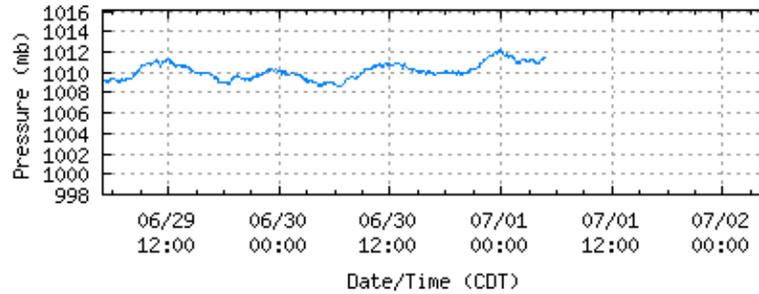


speed ——— gusts ——— direction +

Last Observed Sample: 07/01/2010 04:42 (CDT)  
**Wind Speed: 21 knots Gusts: 25 knots Direction: 059° T**

**Galveston Pleasure Pier, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8771510 Galveston Pleasure Pier, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



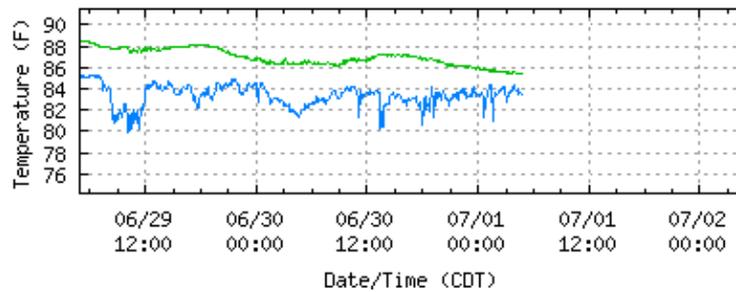
barometric pressure —

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Barometric Pressure: 1011.4 mb**

**Galveston Pleasure Pier, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8771510 Galveston Pleasure Pier, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54

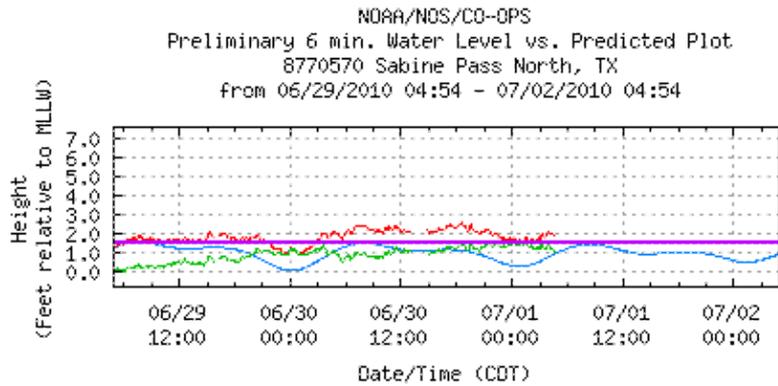


water temp. — air temp. —

**Last Observed Sample: 07/01/2010 04:42 (CDT)**

**Water Temperature: 85.4° F Air Temperature: 83.5° F**

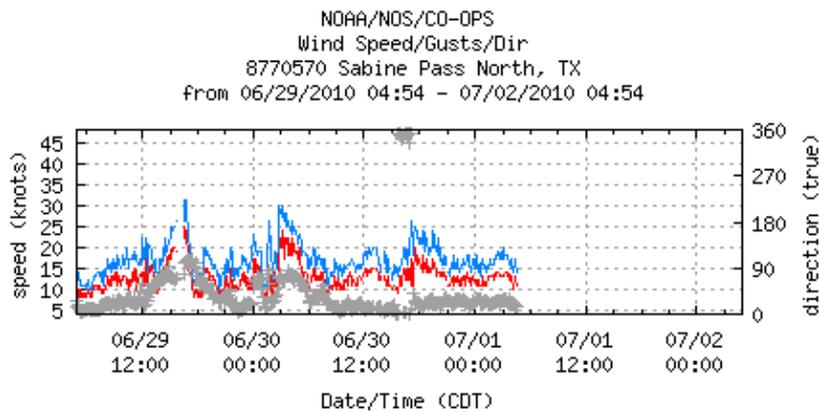
**Sabine Pass North, TX** - [Return to List](#)



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 07/01/2010 04:36 (CDT)  
 Relative to **MLLW**: **Observed: 1.83 ft. Predicted: 0.89 ft. Residual: 0.94 ft.**  
 Historical Maximum Water Level: Sep 11 1998, 3.32 ft. above **MHHW**

**Sabine Pass North, TX** - [Return to List](#)

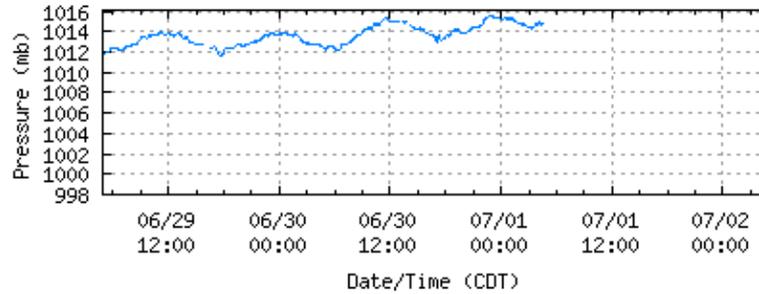


speed — gusts — direction +

Last Observed Sample: 07/01/2010 04:36 (CDT)  
**Wind Speed: 11 knots Gusts: 14 knots Direction: 013° T**

**Sabine Pass North, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8770570 Sabine Pass North, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



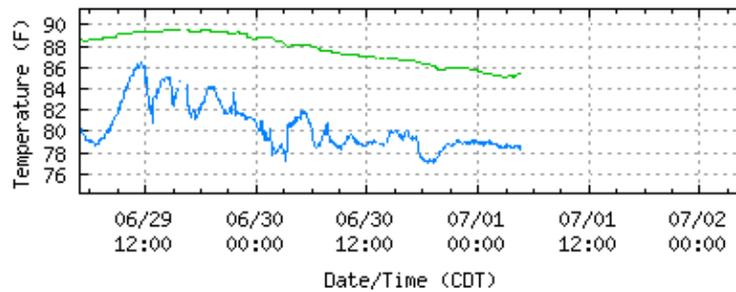
barometric pressure —

Last Observed Sample: 07/01/2010 04:36 (CDT)

Barometric Pressure: 1014.8 mb

**Sabine Pass North, TX** - [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8770570 Sabine Pass North, TX  
from 06/29/2010 04:54 - 07/02/2010 04:54



water temp. — air temp —

Last Observed Sample: 07/01/2010 04:36 (CDT)

Water Temperature: 85.5° F Air Temperature: 78.3° F

## Hurricane ALEX QuickLook, POSTED 05:00 CDT 07/01/2010

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce